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Examiner: Gerald P. Tolin

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This listing of claims replaces all prior versions and listings of claim in the application:

IN THE CLAIMS

1. (Currently amended): A device ~~for~~ cooling a CPU chip disposed on a chassis comprising:

    a heat sink disposed on the CPU chip;

    a bracket, having at least one pivot portion and at least one retention portion, rotatably mounted on the chassis by the pivot portion in one of two positions ; and

    a fan disposed on the bracket, wherein the fan is relatively closer to the heat sink when the bracket engages with the chassis by the retention portion in a first chassis position, and wherein the fan is relatively farther away from the heat sink when the retention portion of the bracket does not engage the chassis in a second chassis position and the pivot portion still engages the chassis.

2. (Original): The device as claimed in claim 1, wherein the chassis is provided with at least one pivot recess and at least one retention recess, and the pivot recess is provided with at least one pivot port corresponding to the pivot recess, and the retention portion is provided with at least one retention post corresponding to the retention recess.

3. (Original): The device as claim din claim 1, wherein the bracket is provided with at least one engaging portion, and the fan is provided with at least one second engaging portion corresponding to the first engaging portion.

4. (Original): The device as claimed in claim 3, wherein the first engaging portion comprises:

    at least one raised pad integrally formed on the bracket; and

    at least on locator post integrally formed on the raised pad.

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5. (Original): The device as claimed in claim 4, wherein the second engaging portion comprises at least one locator recess corresponding to the locator post,

6. (Original): The device as claimed in claim 1, wherein the bracket is provided with at least one retaining hook for retaining the fan in position.

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Previously amended): A fan assembly comprising:

a bracket having at least one first engaging portion and at least one retaining hook;

and

a fan, having a second engaging portion corresponding to the first engaging portion, disposed on the bracket by the retaining hook and the engagement of the first engaging portion and the second engaging portion;

wherein the first engaging portion comprises:

at least one raised pad integrally formed on the bracket; and

at least one locator post integrally formed on the raised pad.

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14. (Canceled)

15. (Previously amended): The fan assembly as claimed in claim 13, wherein the second engaging portion comprises at least one locator recess corresponding to the locator post.

16. (Currently amended): A bracket pivotally fixed within a chassis for securing a cooling fan, comprising:

~~a two~~ pivot posts positioned on ~~a two~~ side walls of the bracket and being rotatably installed within ~~a two~~ pivot recesses of the chassis;

a retention portion, for disengageably engaging the bracket with the chassis;

wherein the bracket is rotatable about an axis connected between the pivot posts and is placed adjacent a CPU chip when the bracket engages with the chassis by the retention portion and wherein the fan is moved away from the CPU chip when the bracket disengages with the chassis by the retention portion.

18. (Previously amended): The bracket as claimed in claim 16, wherein the bracket further comprises:

at least one locator disposed on a predetermined position to fit a locator recess of the fan; and

a through hole, formed at the center portion of the bracket; and

at least one raised pad integrally formed on the bracket.

19. (Previously added): The device of claim 1 wherein the retention portion disengageably engages with the chassis to thereby inhibit rotation of the bracket

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relative to the chassis.

20. (Previously added): The device of claim 19 wherein when the retention portion engages the chassis the bracket is restrained at a first angle relative to the chassis and wherein when the retention portion is disengaged from the chassis, the bracket is rotatable to a position wherein the bracket is disposed at a second angle relative to the chassis, the first and second angles being different from one another.

21. (Canceled)